FGB INGRESS #2

TOOLS AND EQUIPMENT REQUIRED:
Flashlight
Duct Tape
4" Adjustable Wrench
Common Screwdriver
APAS Hatch Tool
Alcohol Pads (for APAS hatch seal)
Trash Bag

NOTE
Procedure starts with **MCC-M** command to open the FGB fwd PEV.

CRT | SPEC 66 ENVIRONMENT |

1. When CABIN dP/dT < 0.01 (approx. ~15 minutes)

2. INGRESS PA

FGB Fwd   Per **MCC-H**, open FGB Fwd Hatch
Hatch
    1. Select 'ÐÀÁÎ ×ÅÅ' (WORKING) torque setting on hatch tool.

    2. Insert tool in hatch socket.

    3. Rotate 6-7 turns in direction of '**XXX**' (Open) arrow until it clicks.

NOTE

If tool prematurely slips or does not engage.
    Select 'ÀÂÀÐÅÉ ÉÍ Î Å' (EMERGENCY) setting on hatch tool.
    Reattempt to open Hatch.

    4. Verify all latches are opened.

    5. Remove tool.

    6. Open Hatch.

    7. Secure Hatch in open position using fixing device.

    8. Inform **MCC-H** of FGB Fwd Hatch opening complete.

PA Port   3. PA AND ICC LIGHTING ACTIVATION
Pnl
ÙÎ -ËÎ   1. 1-Ë1 (switch) → On (switch up)

    2. √■ Ä1, 2, 3, 4 (four LEDs off)

NOTE
Light switch 5-Ë1 is non-functional.

PA Port   4. <u>READY Î ÑÏ -4 FIRE EXTINGUISHER IN PA</u>
           1. Remove blue launch restraints bolts (four) from clamps (two) with
               common screwdriver.
               Tmpry stow clamps and bolts.

PA   5. <u>INGRESS ICC</u>
           1. Per **MCC-H GO**, open FGB PA/ICC Hatch
               Rotate hatch handle in direction of OPEN (**XXXX**) position.
               Open Hatch until Hatch clicks and stops.

           2. Inform **MCC-H** PA/ICC Hatch is opened.

ICC Port   6. <u>ICC LIGHTING ACTIVATION</u>
 Pnl 414   1. 1-Ë1 (switch) → On (switch up)
 Ù Î -ËÎ   √■ Ä1, 2, 3, 4 (four LEDs off)

Pnl 430   2. 1-Ë1 (switch) → On (switch up)
 Ù Î -ËÎ   √■ Ä1, 2, 3, 4 (four LEDs off)

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| NOTE |
| Light switch 5-Ë1 is non-functional |
| on Pnls 430 and 414. |
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           7. <u>PA/ICC HATCH BULKHEAD RING INSTALLATION</u>
Pnl 402   1. Remove protective ring by unsecuring two restraint clips from launch
               restraint brackets using TBD wrench and unloosen two restraint
               straps.

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| NOTE |
| If was not done at 2A ingress, remove four |
| launch restraint bolts from the two launch |
| restraint bracket with common screwdriver. |
| Dispose blue launch restraints bolts and |
| brackets in Trash Bag. |
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PA/ICC   2. Unfold protective ring and connect protective ring brackets on hatch
 Hatch   hinge pin. Verify bracket mechanisms locked to hinge pin.

           3. Secure bottom portion of protective ring alignment pin on socket of
               handle mechanism assembly. Rotate hatch handle in direction of
               Close (**XXXX**) position.

           8. <u>ALARM CONTROL PANEL ACTIVATION</u>
ICC   1. POWER → On
 Pnl TBD   √□ FUSE (light on)
               √■ F1 (LED off)
               √TTS/LOCAL - LOCAL

2. TEST (pb) - push and hold
   √■ CI (blinking)
   √☐ All other lights and LEDs on
   √☐ Siren activated

3. TEST (pb) - release
   √☐ FUSE (light on)
   √■ F1 (LED off)
   √■ All other lights and LEDs off
   √ Siren off

Pnl 229 9. <u>READY Î ÑÏ -4 FIRE EXTINGUISHER IN ICC</u>
   Remove blue launch restraints bolts (four) from clamps (two) with
    common screwdriver.
   Tmpry stow clamps and bolts.